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(54) **SURFACE MOUNT LIGHT WITH INTERCHANGEABLE DIFFUSERS**

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(51) **Int. Cl.**

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*F21V 21/00* (2006.01)  
*F21L 4/02* (2006.01)  
*F21S 6/00* (2006.01)  
*F21V 3/00* (2006.01)  
*F21W 121/00* (2006.01)  
*F21W 131/301* (2006.01)  
*F21Y 101/02* (2006.01)

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CPC . *F21S 6/002* (2013.01); *F21V 3/00* (2013.01);  
*F21W 2121/00* (2013.01); *F21W 2131/301*  
(2013.01); *F21Y 2101/02* (2013.01); *Y10S*  
*362/806* (2013.01)

(58) **Field of Classification Search**

None  
See application file for complete search history.

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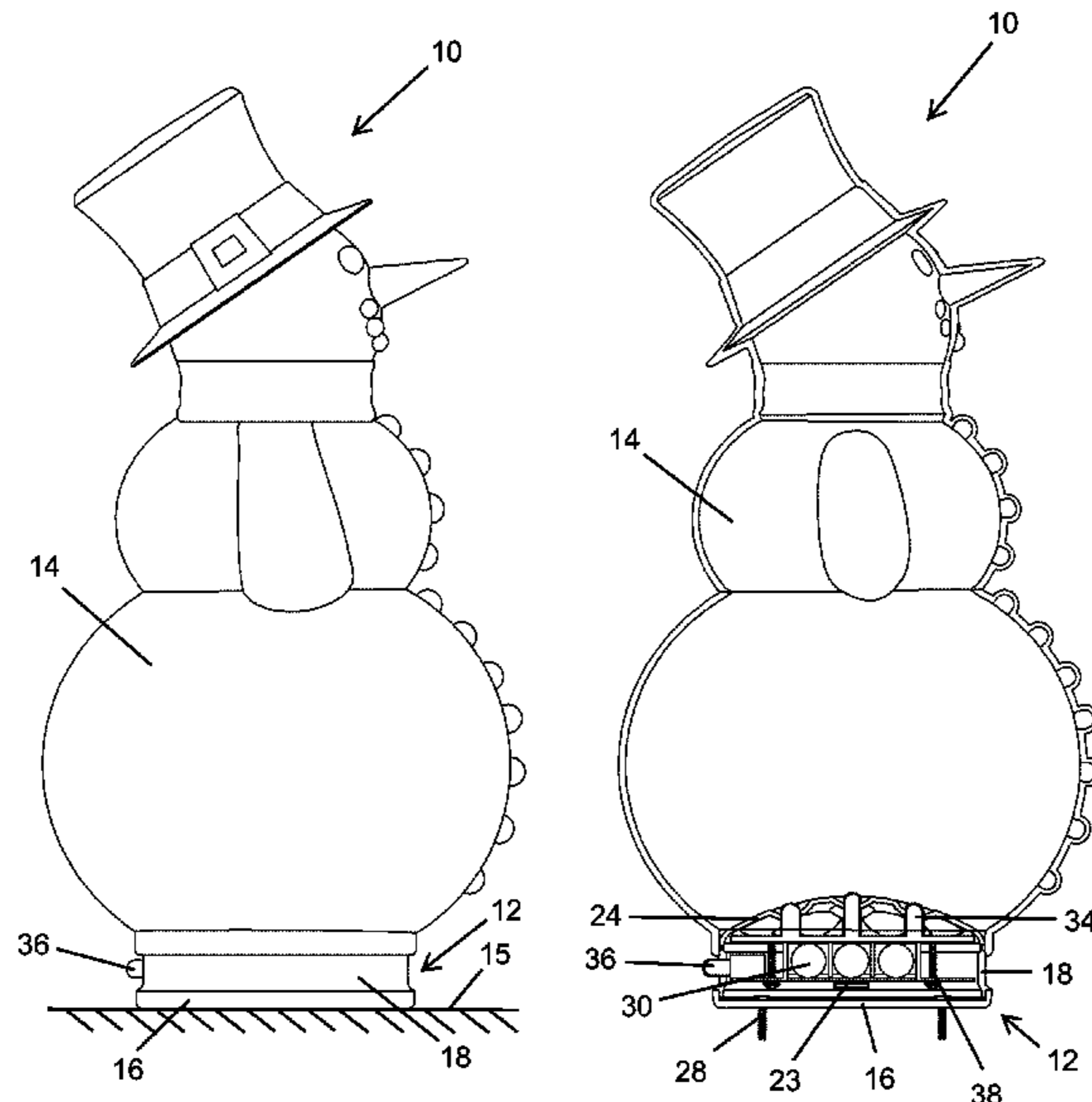
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(57) **ABSTRACT**

A surface mount light (10) comprises a base assembly (12) and a first diffuser (14). The base assembly (12) includes (i) a housing body (25) having a base (16) and a side (18) that is coupled to the base (16), the base (16) being mountable on a surface (15); (ii) a light assembly (22) positioned substantially within the housing body (25), the light assembly (22) including one or more LED lights (34), wherein power is selectively provided to the light assembly (22) such that at least one of the one or more LED lights (34) directs light away from the base (16); and (iii) a first attachment member (40). The first diffuser (14) includes a second attachment member (42) that selectively engages the first attachment member (40) to selectively attach the first diffuser (14) to the base assembly (12) without damaging the base assembly (12) and the first diffuser (14).

**12 Claims, 7 Drawing Sheets**



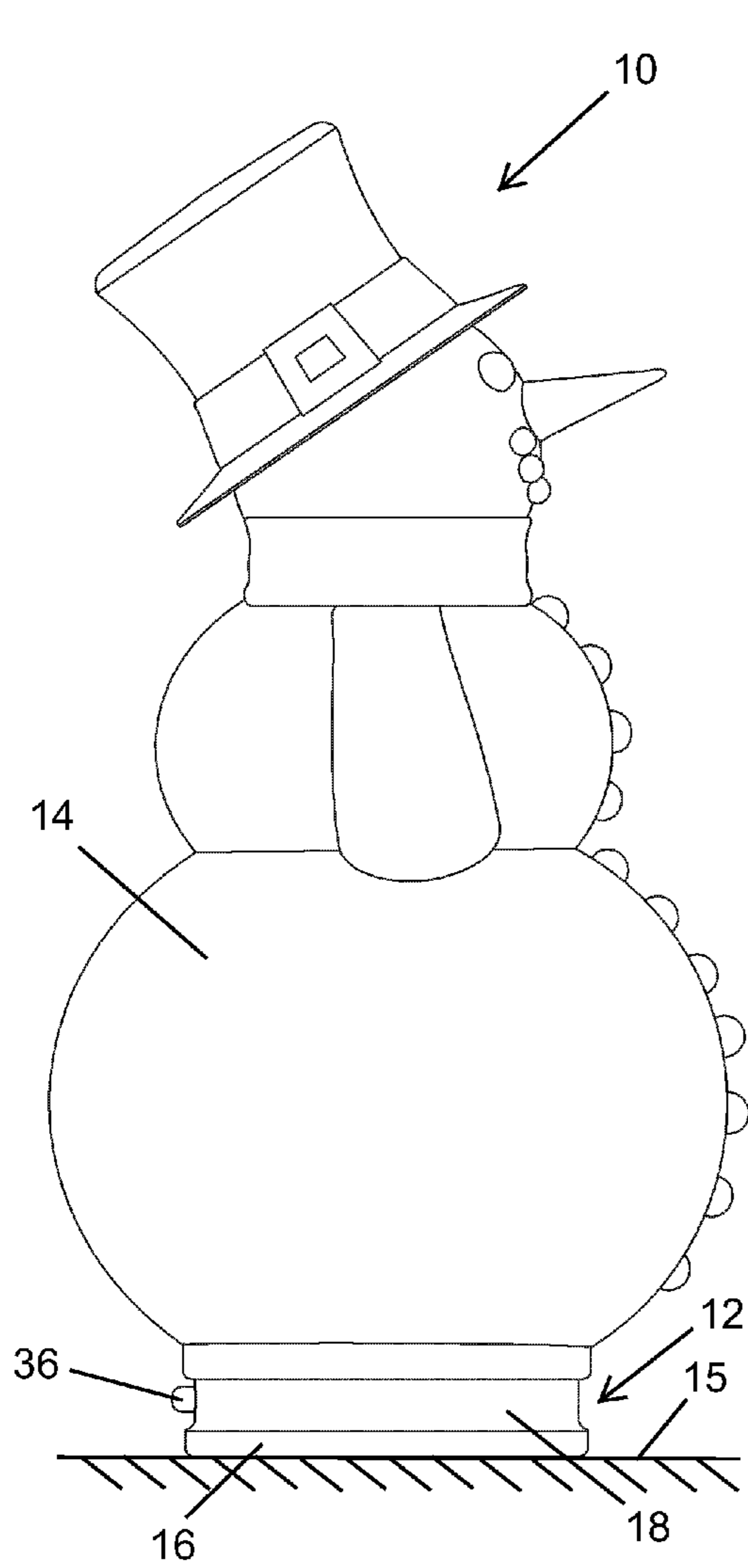


Fig. 1A

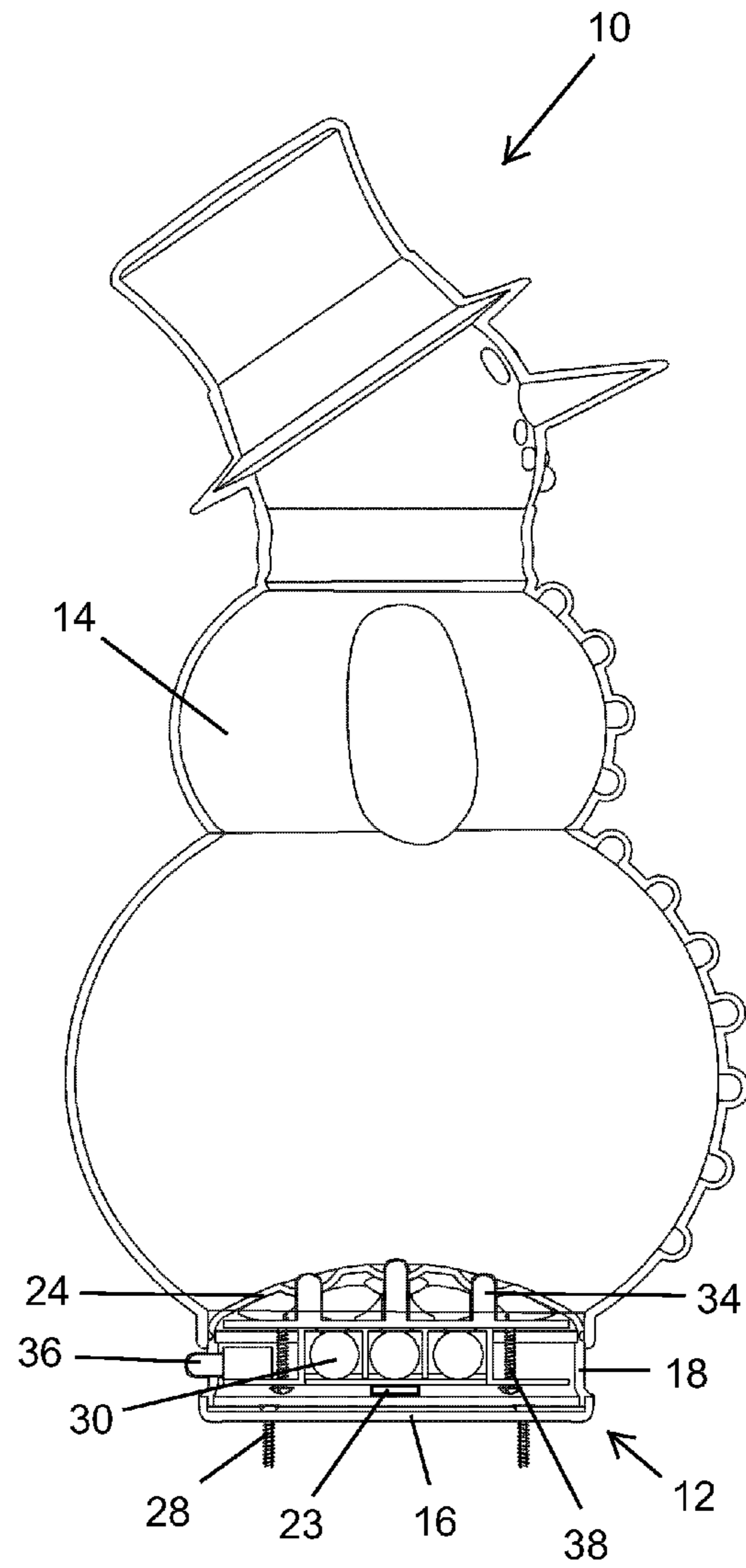
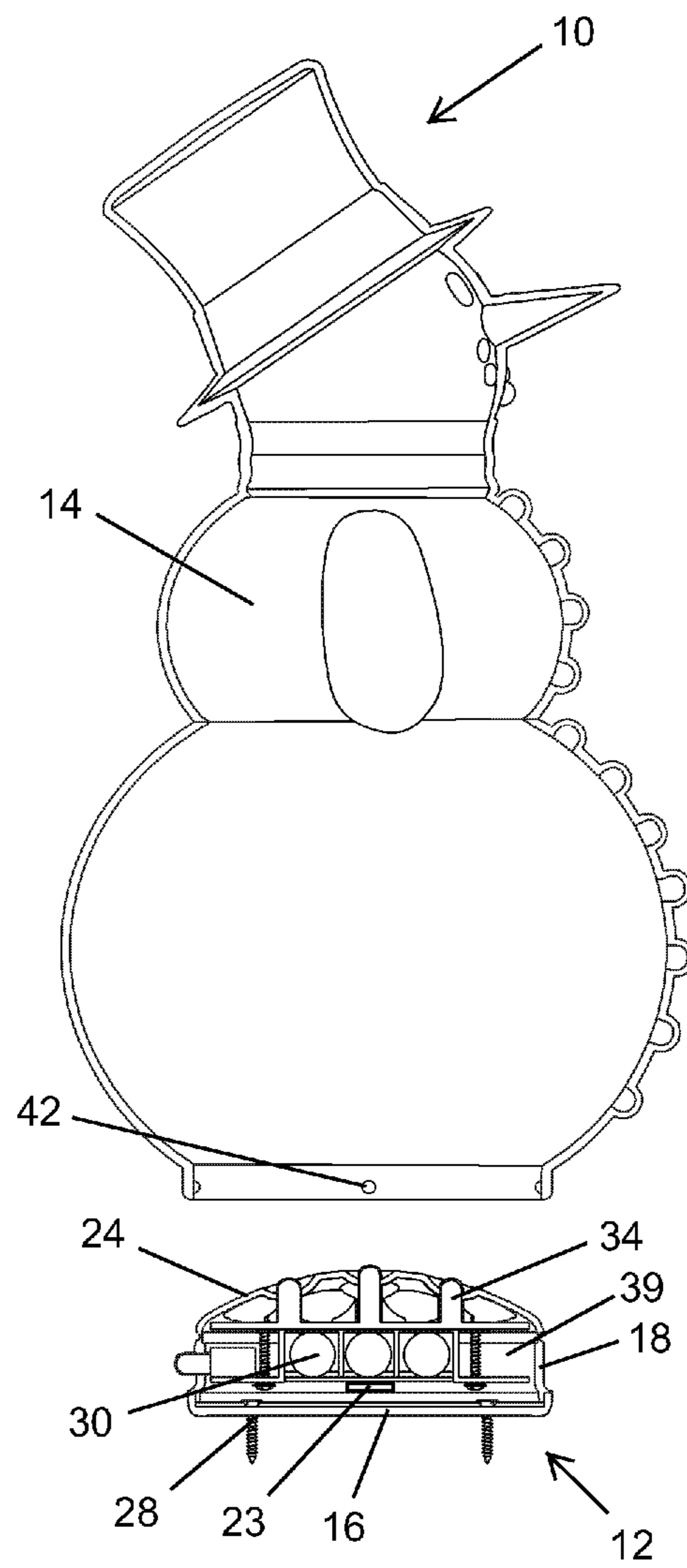
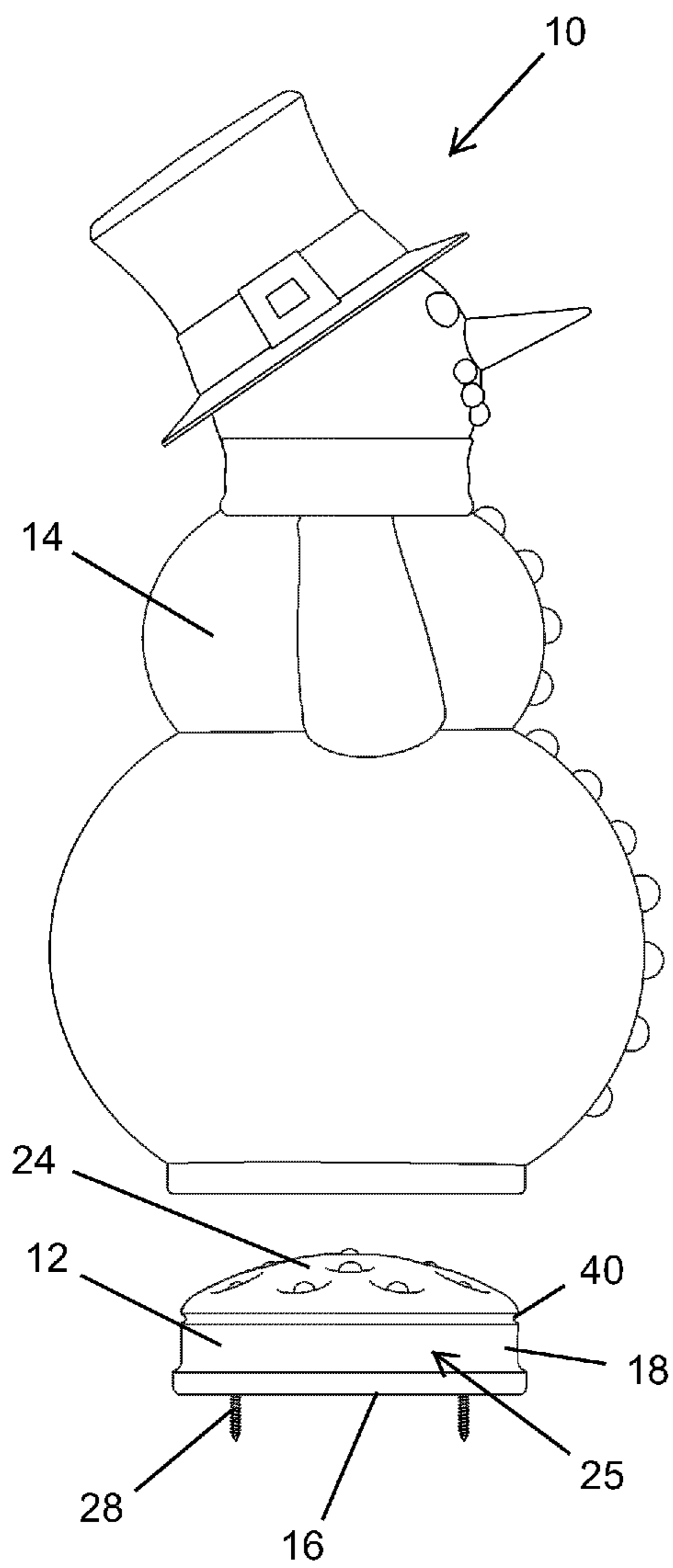


Fig. 1B



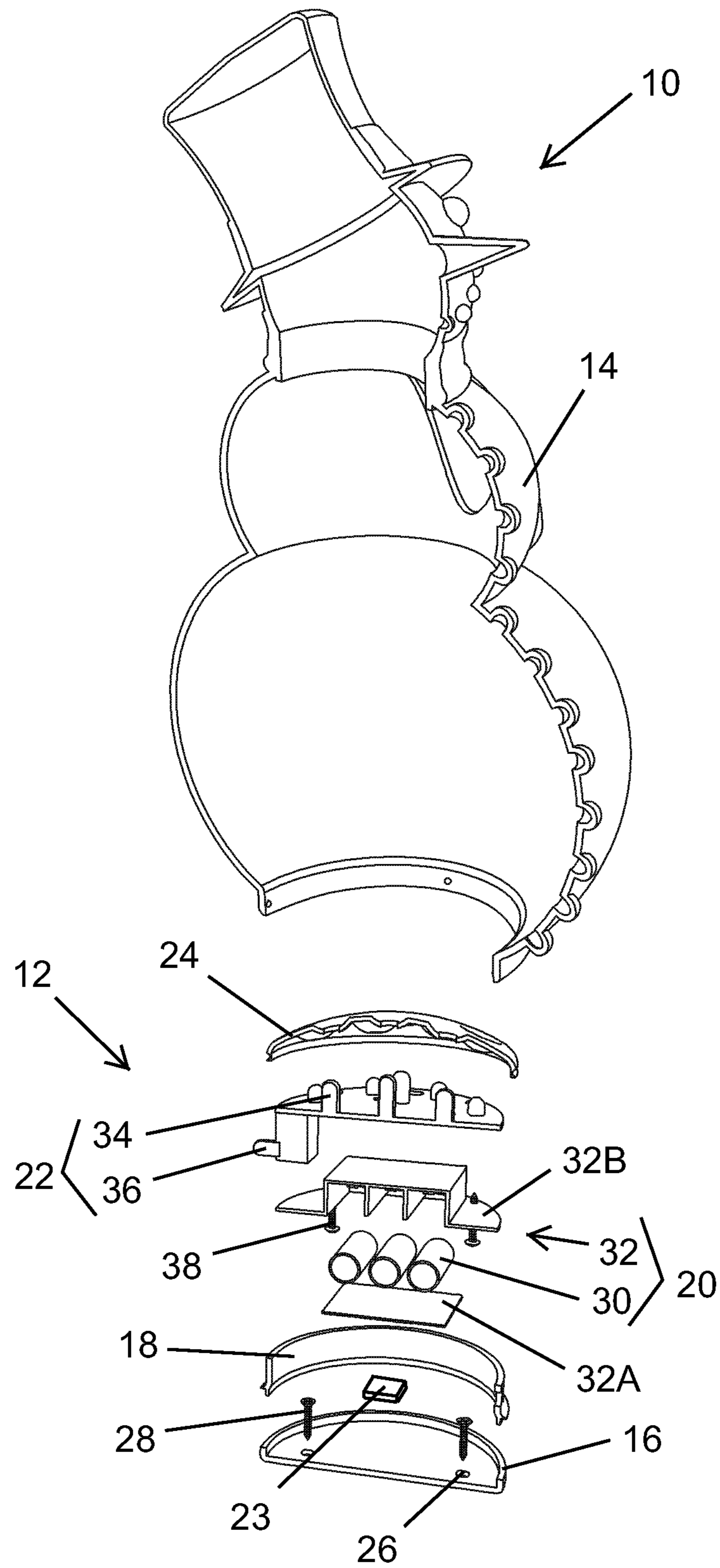


Fig. 1E



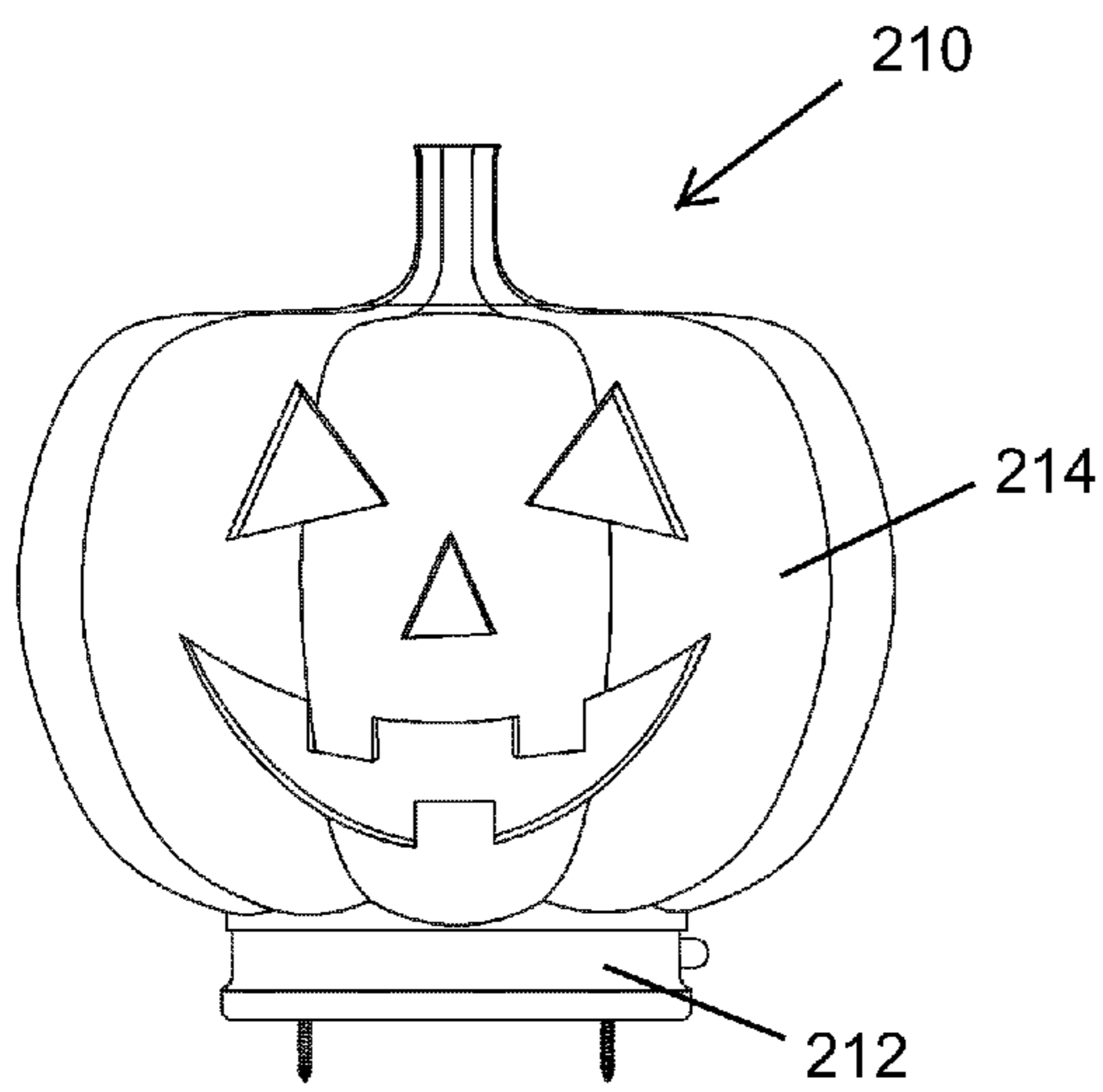


Fig. 2A

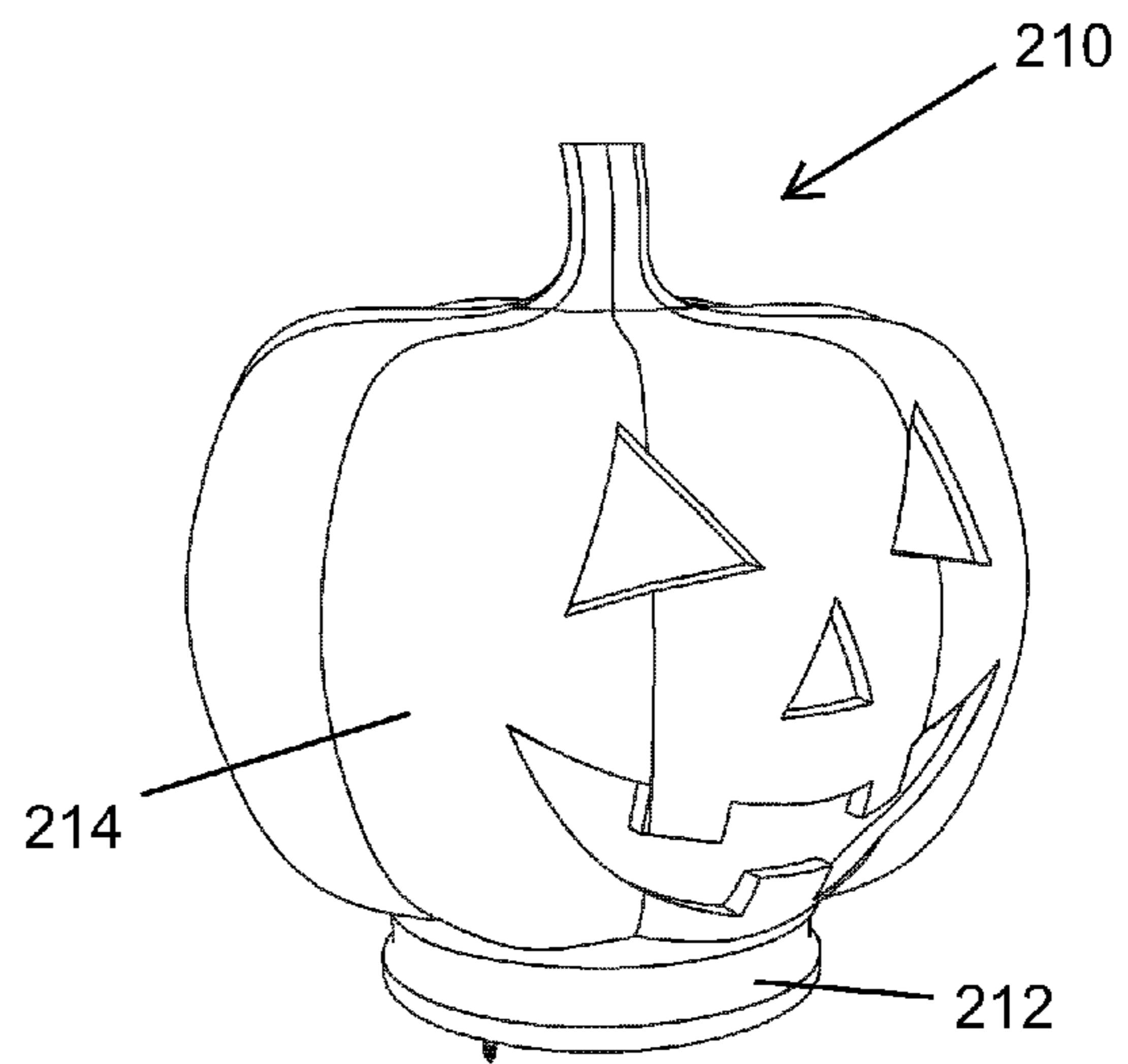


Fig. 2B

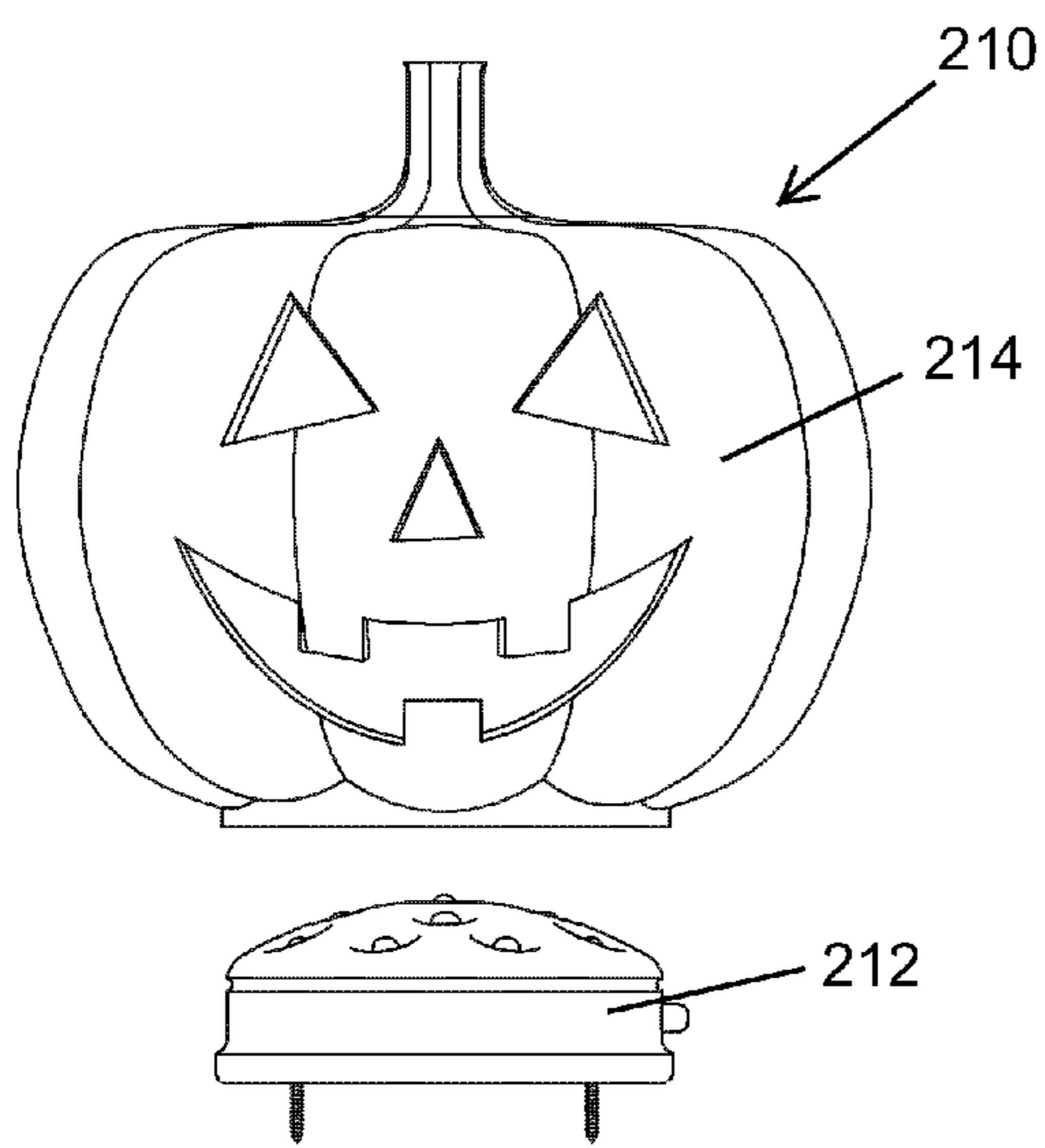


Fig. 2C

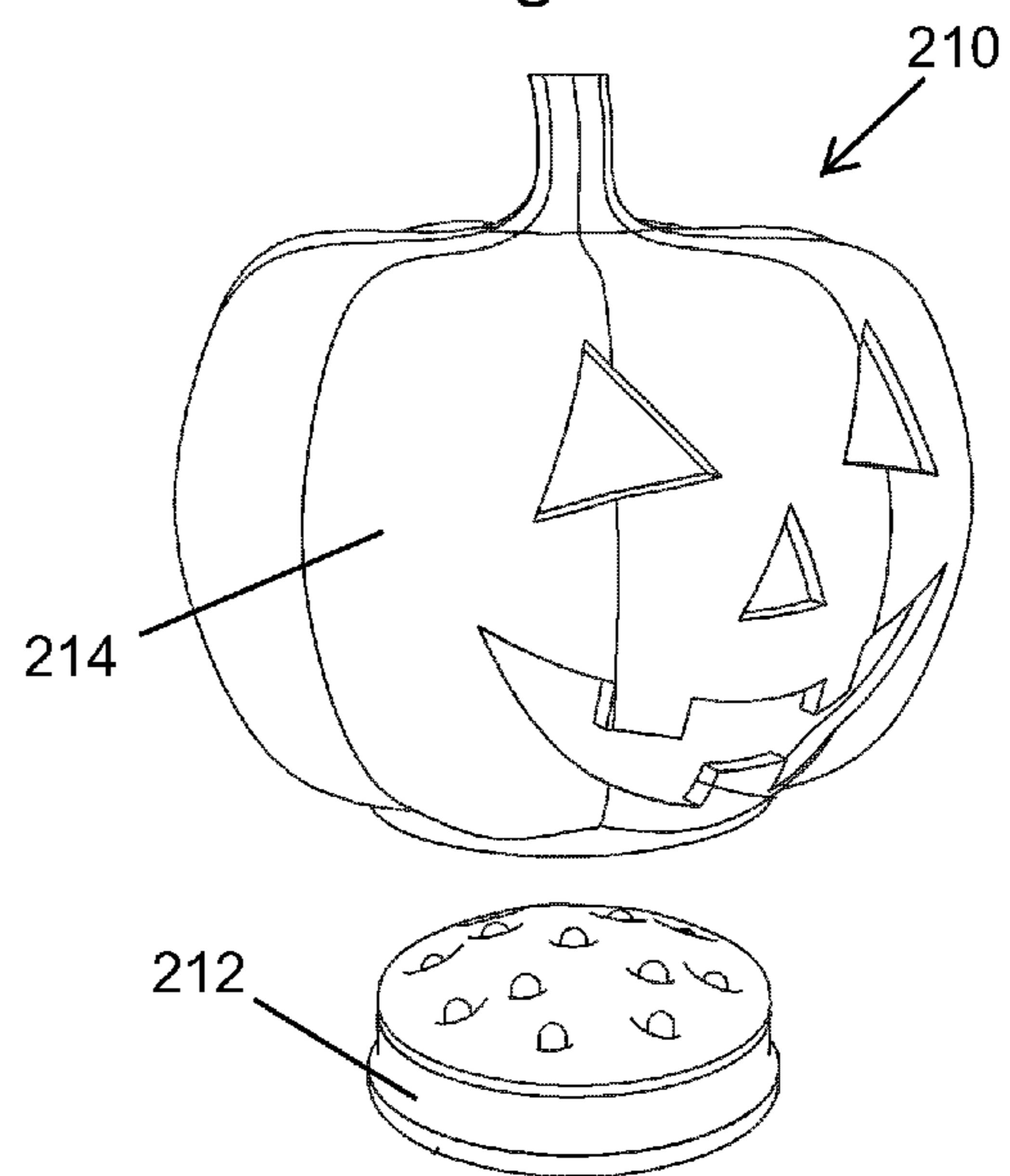


Fig. 2D

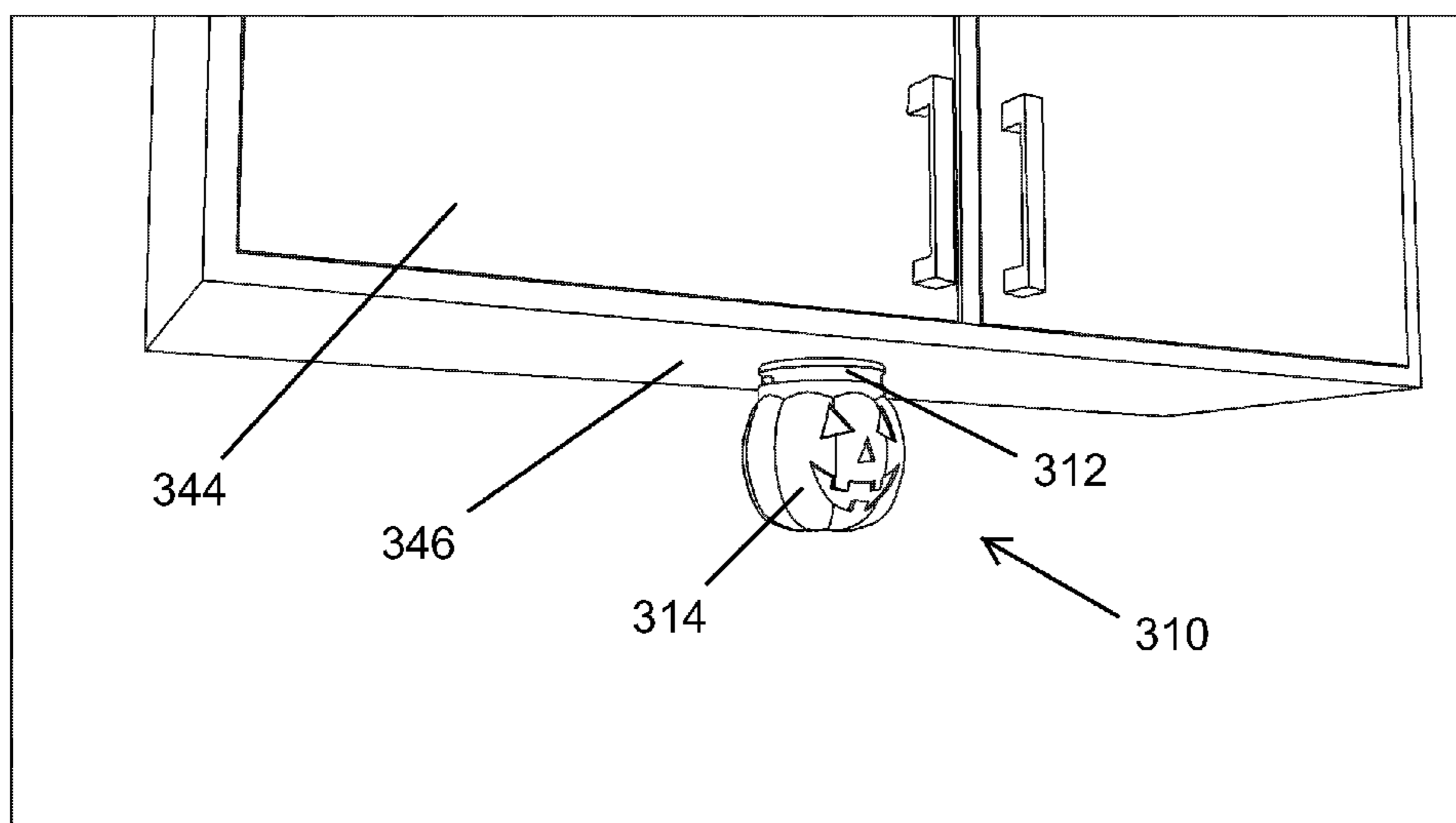


Fig. 3A

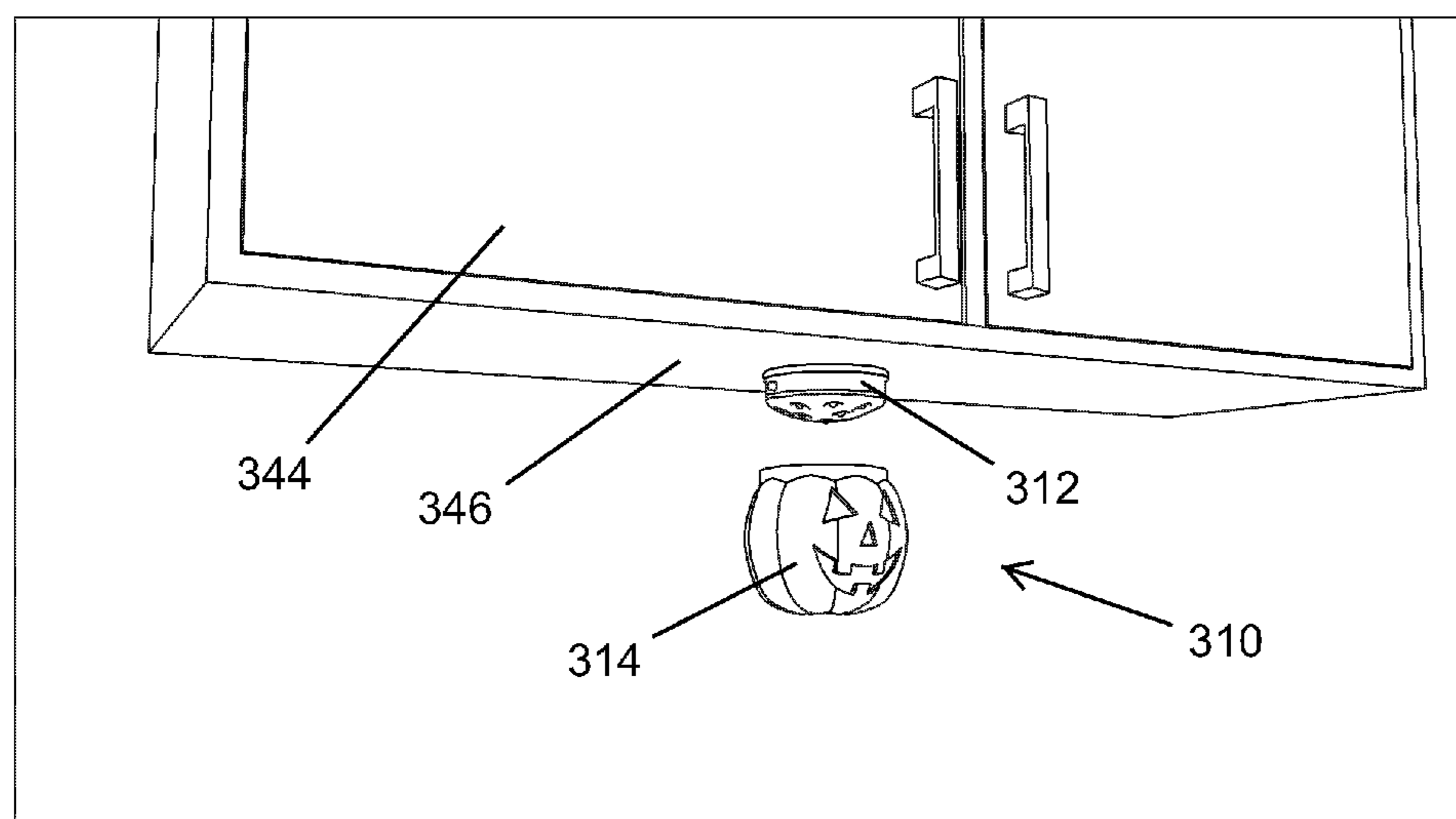


Fig. 3B

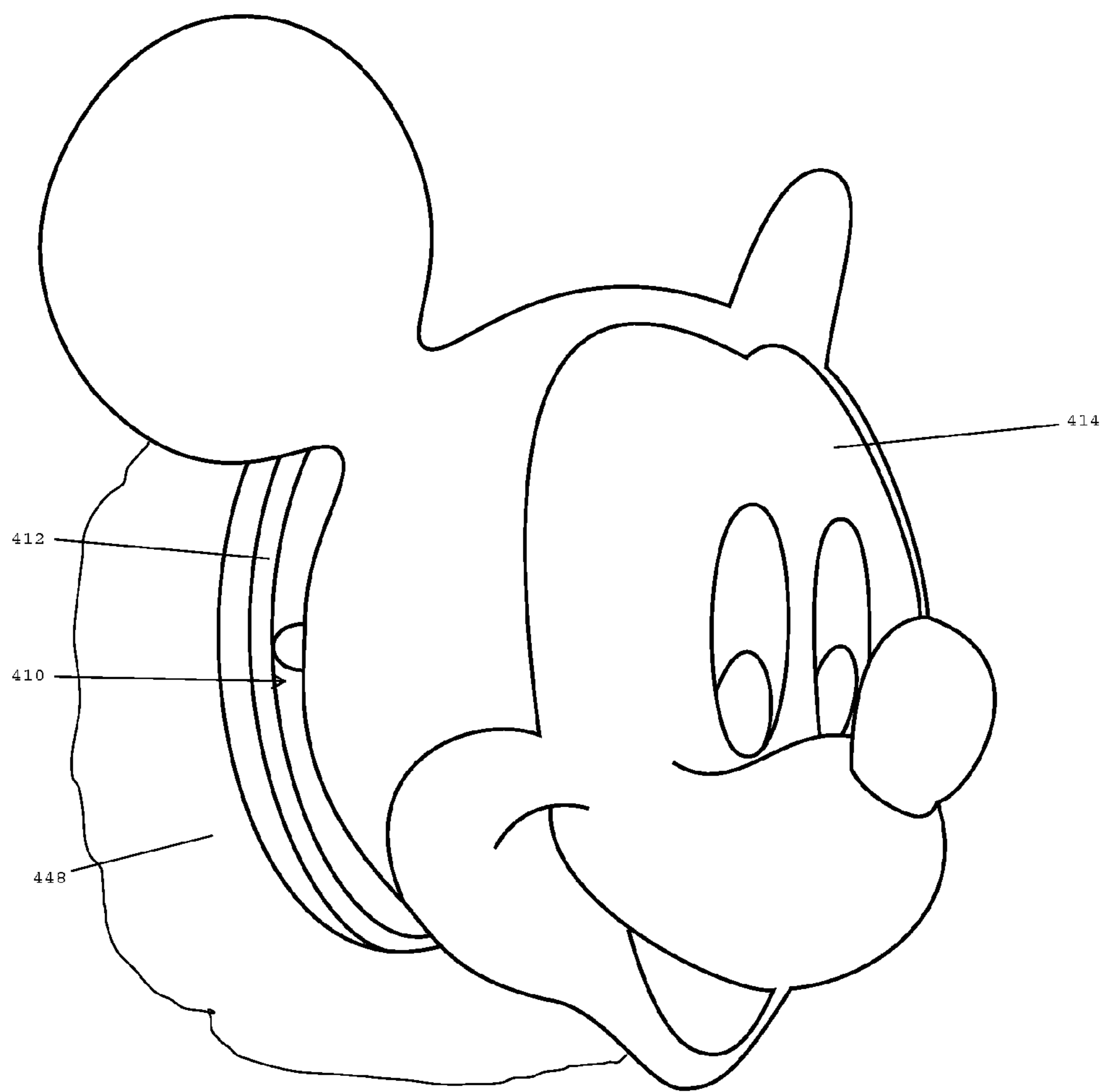


Fig. 4

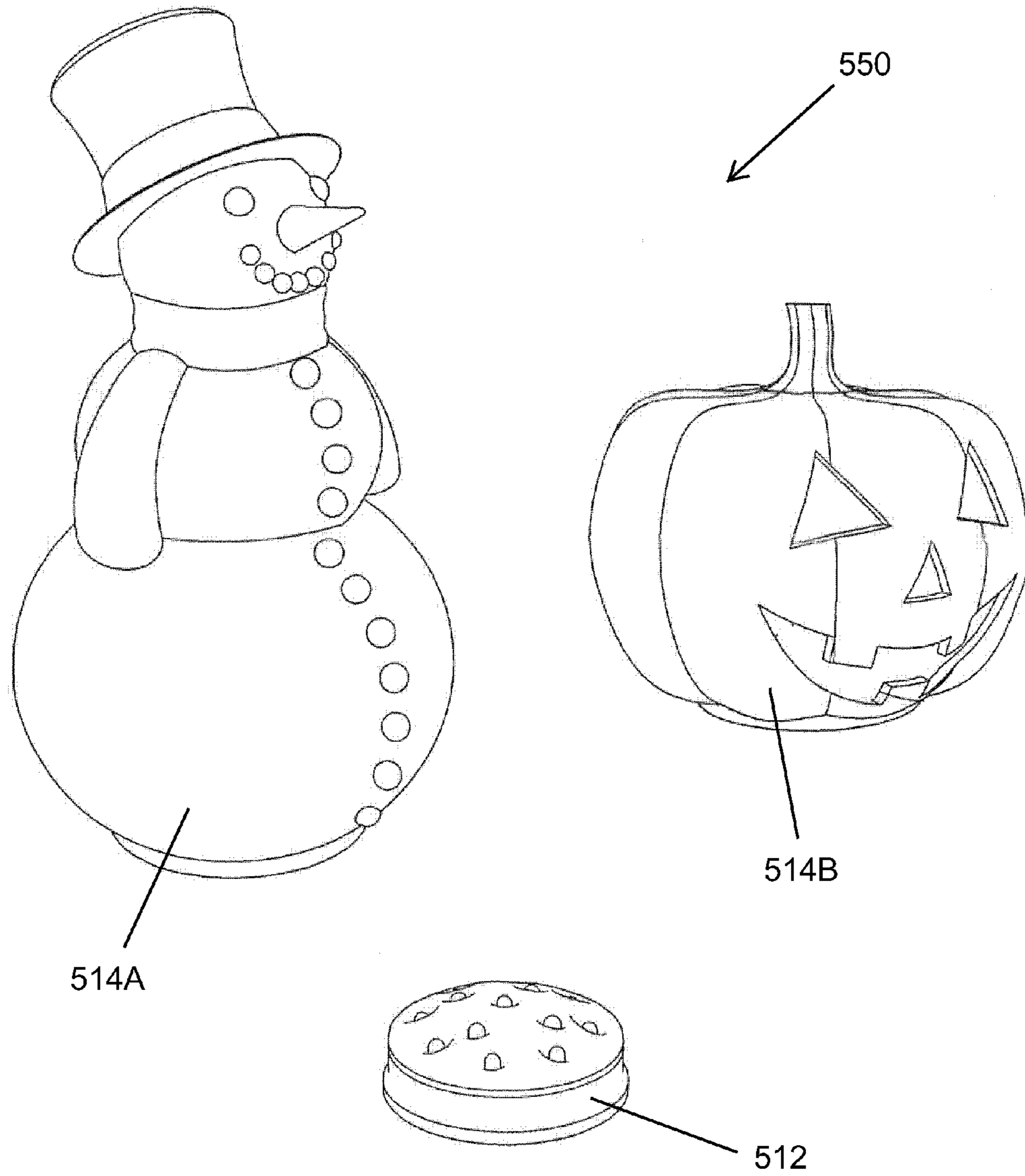


Fig. 5



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**SURFACE MOUNT LIGHT WITH  
INTERCHANGEABLE DIFFUSERS**

## RELATED INVENTIONS

This application claims priority on U.S. Provisional Application Ser. No. 61/532,686, filed Sep. 9, 2011 and entitled "SURFACE MOUNT LIGHT WITH INTERCHANGEABLE DIFFUSERS"; and on U.S. Provisional Application Ser. No. 61/659,803, filed Jun. 14, 2012 and entitled "SURFACE MOUNT LIGHT WITH INTERCHANGEABLE DIFFUSERS". As far as permitted, the contents of U.S. Provisional Application Ser. Nos. 61/532,686 and 61/659,803 are incorporated herein by reference.

## BACKGROUND

Lights and lighting that are designed to be mounted to a surface, e.g., a table top, a desk top, a counter top, a wall, or the underside of a cabinet, can provide useful illumination of various areas in and around homes and buildings. Additionally, such lights can also be used for decorative purposes, such as for celebrating holidays, birthdays or other occasions, or for supporting favorite teams, fictional characters or causes. Unfortunately, in many instances, the time and effort required to switch decorative lights between holidays, sports seasons, or other celebrations can cause many to not want to utilize such decorative lights on a regular basis.

## SUMMARY

The present invention is directed toward a surface mount light that is mounted on a surface, the surface mount light comprising a base assembly and a first diffuser. In certain embodiments, the base assembly includes (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights, wherein power is selectively provided to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iii) a first attachment member. Additionally, the first diffuser can be selectively attached to and detached from the base assembly without damaging the base assembly and the first diffuser. Moreover, the first diffuser includes a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly. In one such embodiment, the first attachment member includes a groove that extends around a perimeter of the housing body, and the second attachment member includes one or more protrusions that can be selectively positioned within the groove.

In some embodiments, the housing body is substantially disk shaped. In one such embodiment, the housing body has a diameter of less than approximately five inches.

Additionally, in one embodiment, the first diffuser is a decorative diffuser that extends away from the base assembly by at least approximately two inches.

In one embodiment, the surface mount light further comprises a second diffuser that is selectively attachable to and detachable from the base assembly.

In certain embodiments, the surface mount light further comprises a switch that selectively activates the light assembly. Additionally, the surface mount light can further comprise a sound source positioned substantially within the housing body. Moreover, in one embodiment, the switch selectively activates the sound source.

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Further, in one embodiment, the surface mount light further comprises a power source assembly including one or more batteries that selectively provide power to the light assembly such that at least one of the one or more LED lights directs light away from the base.

Additionally, the present invention is also directed toward a package assembly including the surface mount light as described above, and a second diffuser that is alternatively selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.

Further, in another embodiment, the present invention is directed toward a surface mount light that is mounted on a surface, the surface mount light comprising (a) a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; and (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights, wherein power is selectively provided to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (b) a sound source that is positioned substantially within the housing body, wherein power is selectively provided to the sound source to selectively activate the sound source.

Still further, in yet another embodiment, the present invention is directed toward a surface mount light that is mounted on a surface, the surface mount light comprising (a) a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights; (iii) a power source assembly that provides power to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iv) a first attachment member; (b) a sound source that is positioned substantially within the housing body, the power source assembly providing power to the sound source to selectively activate the sound source; (c) a first diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the first diffuser, the first diffuser including a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly; and (d) a second diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.

## BRIEF DESCRIPTION OF THE DRAWINGS

The novel features of this invention, as well as the invention itself, both as to its structure and its operation, will be best understood from the accompanying drawings, taken in conjunction with the accompanying description, in which similar reference characters refer to similar parts, and in which:

FIG. 1A is a simplified side view of an embodiment of a surface mount light having features of the present invention;

FIG. 1B is a sectional side view of the surface mount light illustrated in FIG. 1A;

FIG. 1C is a partially exploded side view of the surface mount light illustrated in FIG. 1A;

FIG. 1D is a partially exploded sectional side view of the surface mount light illustrated in FIG. 1A;

FIG. 1E is an exploded sectional perspective view of the surface mount light illustrated in FIG. 1A;

FIG. 2A is a simplified front view of another embodiment of a surface mount light having features of the present invention;



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FIG. 2B is a simplified perspective view of the surface mount light illustrated in FIG. 2A;

FIG. 2C is a partially exploded front view of the surface mount light illustrated in FIG. 2A;

FIG. 2D is a partially exploded perspective view of the surface mount light illustrated in FIG. 2A;

FIG. 3A is a simplified perspective view of a portion of a cabinet and still another embodiment of a surface mount light having features of the present invention;

FIG. 3B is a partially exploded perspective view of the portion of the cabinet and the surface mount light illustrated in FIG. 3A;

FIG. 4 is a perspective view of a portion of a wall and yet another embodiment of a surface mount light having features of the present invention; and

FIG. 5 is a perspective view of a package assembly having features of the present invention.

#### DESCRIPTION

FIGS. 1A-1E are alternative views of an embodiment of a surface mount light 10 having features of the present invention. More particularly, FIG. 1A is a simplified side view of the surface mount light 10; FIG. 1B is a sectional side view of the surface mount light 10 illustrated in FIG. 1A; FIG. 1C is a partially exploded side view of the surface mount light 10 illustrated in FIG. 1A; FIG. 1D is a partially exploded sectional side view of the surface mount light 10 illustrated in FIG. 1A; and FIG. 1E is an exploded sectional perspective view of the surface mount light 10 illustrated in FIG. 1A.

As illustrated in this embodiment, the surface mount light 10 can include a base assembly 12 and a diffuser 14 that is selectively attached to the base assembly 12. Alternatively, the surface mount light 10 can be designed to function without the need for the diffuser 14, i.e. the surface mount light 10 can function with only the base assembly 12.

As an overview, the surface mount light 10 is designed such that the diffuser 14 can be quickly, easily and selectively attached to and detached from the base assembly 12, without damaging the base assembly 12 and/or the diffuser 14. Stated in another fashion, the surface mount light 10 is designed such that the diffuser 14 is removably attachable to the base assembly 12, without damaging the base assembly 12 and/or the diffuser 14. Additionally, the diffuser 14 can be selectively attached to and detached from the base assembly 12 without having to remove the surface mount light 10 from a surface 15, e.g., a table top, a desk top, a counter top, a wall, an underside of a cabinet, etc. on which the surface mount light 10 is mounted. Further, the surface mount light 10 can include a plurality of diffusers 14 (e.g., the diffuser 14 illustrated in FIGS. 1A-1I, the diffuser 214 illustrated in FIGS. 2A-2D, and the diffuser 314 illustrated in FIGS. 3A and 3B) which can each alternatively be quickly, easily and selectively attached to and detached from the base assembly 12. With this design, the plurality of diffusers 14 can be quickly, easily and selectively interchanged so that the surface mount light 10 can be used for various different holidays, sports seasons, or other celebrations without the need to provide an entirely new surface mount light 10. Moreover, this further saves added expenses and storage space that may be required in order to have and utilize completely different surface mount lights 10 for each new occasion. Still further, it should be noted that the surface mount light 10 can be provided as part of a package assembly (see e.g., the package assembly 550 illustrated in FIG. 5) that includes a base assembly 12 and a plurality of diffusers 14, with each of the plurality of diffusers 14 being selectively and alternatively attachable to and detachable

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from the base assembly 12, without damaging the base assembly 12 and/or the diffusers 14.

Additionally, as illustrated, the surface mount light 10 can further include a sound source 23 that can be positioned substantially within, near and/or adjacent to the base assembly 12. The sound source 23 can provide sound that can be selectively turned on or off within the surface mount light 10. In one embodiment, the sound source 23 can be selectively controlled to play a portion of a song, or a full song whenever the surface mount light 10 is turned on. Alternatively, the sound source 23 can continuously play songs while the surface mount light 10 is turned on and stop when the surface mount light 10 is turned off. Still alternatively, the sound source 23 can play songs for an adjustable, predetermined time whenever the surface mount light 10 is turned on. Yet alternatively, the sound source 23 can speak, e.g., say some words or phrases, that may (or may not) specifically relate to the diffuser 14 that is attached to the base assembly 12, whenever the surface mount light 10 is turned on. Still yet alternatively, the sound source 23 can play words, songs, etc. that have been specifically recorded by the user (or from another source) to be used with the surface mount light 10.

In one embodiment, the sound source 23 has a memory of the songs or phrases. Alternatively, as a non-exclusive example, the sound source 23 can include a radio tuner to tune into a radio station.

The design of the base assembly 12 can be varied to suit the specific design requirements of the surface mount light 10. For example, in one non-exclusive embodiment, the base assembly 12 can comprise an LED puck light. LED puck lights utilize one or more LED lights and typically include a substantially circular (i.e. disk) or oval shape. Additionally, LED puck lights are good for and, thus, are commonly used for under-cabinet and display lighting purposes. Alternatively, the base assembly 12 can have a different design.

In this embodiment, as best shown in FIG. 1E, the base assembly 12 can include a base 16, a side 18, a power source assembly 20, a light assembly 22, the sound source 23, and a cover 24. Alternatively, the base assembly 12 can be designed without one or more of the elements noted above. For example, the base assembly 12 can be designed without the cover 24. Still alternatively, the base assembly 12 can include additional features not specifically illustrated in the Figures.

It should be noted that the base 16, the side 18 and/or the cover 24 can be referred to as individual elements of a housing body 25. Stated another way, in certain embodiments, the housing body 25 includes the base 16, the side 18 and the cover 24.

The base 16 is adapted to be fixedly and/or detachably secured to or otherwise mounted on the surface 15, such as a counter top, a desk top, a table top, a wall, and/or the underside of a cabinet. Stated in another fashion, during use, the base 16 is positioned substantially adjacent to, if not in direct contact with, the surface 15 on which the surface mount light 10 is attached and/or mounted. For example, in one embodiment, as shown most clearly in FIG. 1E, the base 16 can include one or more base apertures 26 (two are illustrated in FIG. 1E). Further, the surface mount light 10 can include a one or more base attachers 28 (two are illustrated in FIGS. 1B-1E), e.g., screws, that extend through the base apertures 26 and into the surface 15 on which the surface mount light 10 is to be mounted. Alternatively, the base 16 can be designed with more or less than the two base apertures 26 specifically illustrated in FIG. 1E, and/or the surface mount light 10 can include more or less than the two base attachers 28 specifically illustrated in FIGS. 1B-1E. Additionally and/or alternatively, the design of the base attachers 28 can be different than



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specifically illustrated in FIGS. 1B-1E. For example, in one non-exclusive alternative embodiment, the base 16 can be designed without any base apertures 26 and the base attachers 28 can include one or more magnets that can be secured to the base 16 and/or mounted to the surface 15. Still alternatively, the base 16 can be attached to and/or mounted on the surface 15 with two-sided tape, with hook and loop material secured to the base 16 and the surface 15, or by other appropriate attachment means.

The size and shape of the base 16 can be varied depending on the design requirements of the surface mount light 10. In certain embodiments, as shown, the base 16 can be substantially circular in shape, and the base 16 can have a diameter of between approximately two inches and five inches. For example, in some particular non-exclusive embodiments, the base 16 can have a diameter of approximately 2.0, 2.5, 3.0, 3.5, 4.0, 4.5 or 5.0 inches. Alternatively, the base 16 can have a different shape and/or a different size. For example, the base 16 can be substantially square shaped, rectangle shaped, triangle shaped, oval shaped, octagon shaped, or some other shape; and/or the base 16 can have a diameter that is greater than five inches or less than two inches.

The side 18 is coupled to the base 16 and extends away from the base 16 and away from the surface 15 on which the base 16 is mounted. Moreover, the side 18 can have a size and shape that corresponds with the size and shape of the base 16 to which the side 18 is coupled. In this embodiment, the side 18 is substantially annular ring shaped to match the substantially circular shaped base 16. With this design, the housing body 25 is substantially disk shaped. In some particular non-exclusive embodiments, the housing body 25 can have a diameter of approximately 2.0, 2.5, 3.0, 3.5, 4.0, 4.5 or 5.0 inches. Alternative, the housing body 25 can have a diameter that is greater than five inches or less than two inches. Still alternatively, the side 18 (and, thus, the housing body 25) can have a different design and/or have a different shape. For example, in certain non-exclusive alternative embodiments, the side 18 can be a ring that is substantially square shaped, rectangle shaped, triangle shaped, oval shaped, octagon shaped, or some other shape.

The power source assembly 20 provides power to the surface mount light 10, i.e. to the light assembly 22 and/or the sound source 23, in order to illuminate the light assembly 22 and/or to generate sound from the sound source 23. As shown, the power source assembly 20 can include a power source 30, and a power source housing 32. In one embodiment, as illustrated, the power source 30 can include one or more batteries in order to provide sufficient electrical power to illuminate the light assembly 22 and/or to generate sound from the sound source 23. Alternatively, the power source 30 can include one or more wires that enable the surface mount light 10 to be electrically connected to a remote power system in order to provide sufficient electrical power to illuminate the light assembly 22 and/or generate sound from the sound source 23. Still alternatively, the power source 30 can be designed to provide power to the surface mount light 10 in a different manner.

The power source housing 32 isolates and/or protects the power source 30 from other elements of the surface mount light 10. For example, as illustrated herein, the power source housing 32 can include a battery support 32A and a battery cover 32B that isolate and/or protect the power source 30 from other elements of the surface mount light 10.

Additionally, at least a portion of the power source assembly 20 can be positioned substantially between the base 16 and the light assembly 22 to maintain the light assembly 22 spaced apart from the base 16. By spacing the light assembly

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22 apart from the base 16, any heat generated by the light assembly 22 can be more easily directed away from the base 16 and thus away from the surface 15 to which the base 16 is attached or mounted.

The light assembly 22 can include one or more lights 34 that provide the desired illumination. For example, as illustrated, the light assembly 22 can include one or more LED lights 34 that individually extend away from the base 16, and, thus, direct light away from the base 16. In certain non-exclusive alternative embodiments, the light assembly 22 can include nine, eleven, thirteen, fifteen or seventeen LED lights. Alternatively, the light assembly 22 can include another suitable number of LED lights. Still alternatively, the light assembly 22 can include one or more different types of lights, e.g., incandescent lights and/or fluorescent lights.

Additionally, as illustrated, the light assembly 22 can include a switch 36 to selectively activate the lights 34. More specifically, the switch 36 can be moved between an on position, wherein the power source 30 provides power to the lights 34 so that the lights 34 can generate and/or provide the desired illumination, and an off position, wherein the power source 30 is not providing power to the lights 34. Alternatively, in certain embodiments, the surface mount light 10 can include a switch that is positioned remotely from the remainder of the surface mount light 10. For example, in embodiments that utilize a wired connection to provide power to the lights 34, the surface mount light 10 can utilize a wall-mounted switch. Still alternatively, the lights 34 can be turned on and off in a different manner, e.g., the lights 34 can be turned on and off due to the presence of a motion sensor (not illustrated), or the lights 34 can be turned on and off simply by providing a force on the base assembly 12 (i.e. the light assembly 22 can comprise a push light type lighting assembly). Additionally and/or alternatively, the power source 30 can further include a timer (not illustrated) such that the lights 34 can be turned on for a predetermined amount of time.

Further, the surface mount light 10 can include one or more assembly attachers 38, e.g., screws, to secure and/or couple the power source assembly 20 to the light assembly 22. More particularly, in one embodiment, the assembly attachers 38 can extend through the power source housing 32 and into the light assembly 22. Alternatively, the assembly attachers 38 can have a different design and/or the power source assembly 20 can be secured and/or coupled to the light assembly 22 in a different manner.

The sound source 23, as noted above, can be positioned substantially within, near and/or adjacent to the base assembly 12. In particular, in one non-exclusive embodiment, the sound source 23 can be positioned within the base assembly 12 and substantially adjacent to the base 16 of the base assembly 12. Moreover, the sound source 23 can provide sound that can be selectively activated within the surface mount light 10. Additionally, the sound source 23 can be turned on and off in a similar manner or a different manner in comparison to how the lights 34 are turned on and off. For example, the sound source 23 can be turned on and off using the same switch 36 that is used to selectively activate the lights 34. Alternatively, the sound source 23 can be activated using a different switch that is positioned substantially within and/or adjacent to the base assembly 12, or the sound source 23 can be activated using a different switch that is positioned remotely from the remainder of the surface mount light 10. Still alternatively, the sound source 23 can be turned on and off in a different manner, e.g., the sound source 23 can be turned on and off due to the presence of a motion sensor, or in another suitable manner.



The sound source **23** can have any suitable design that enables the sound source **23** to produce sound that can be used with the surface mount light **10**. Moreover, the sound source **23** can be utilized to produce different types of sound with the surface mount light **10**. For example, in certain non-exclusive embodiments, the sound source **23** can provide a song that is appropriate for the particular occasion that is being celebrated, and/or the sound source **23** can provide a voice as if the fictional character on the diffuser **14** is talking or singing. Further, the sound source **23** can include commercially produced sound, sound specifically provided by the consumer (or other suitable person), a radio tuner, or other appropriate sound source.

The cover **24** is positioned over the light assembly **22** and enables the illumination from the light assembly **22** to shine through. Additionally, in this embodiment, the cover **24** is coupled to the side **18** and/or the base **16** so that the light assembly **22** and the power source assembly **20** are positioned substantially within and are effectively maintained within a cavity **39** defined by the cover **24**, the side **18** and the base **16**. Stated in another fashion, the light assembly **22** and the power source assembly **20** are positioned substantially within and are effectively maintained within the cavity **39** defined by the housing body **25**. With this design, the base **16**, the side **18** and the cover **24**, i.e. the housing body **25**, provide a base housing for the other elements of the surface mount light **10**.

Additionally, as illustrated, the base assembly **12** includes a first attachment member **40**, and the diffuser **14** includes a second attachment member **42** that selectively engages the first attachment member **40** such that the diffuser **14** can be selectively and removably attached to the base assembly **12**, i.e. selectively attached to and detached from the base assembly **12**, without damaging the base assembly **12** and/or the diffuser **14**. For example, as best illustrated in FIG. 1C, the cover **24** and the side **18** can cooperate to form the first attachment member **40**, e.g., a narrow groove, around the perimeter of the base housing to receive a portion of the diffuser **14**. In particular, in this embodiment, the diffuser **14** includes the second attachment member **42**, e.g., one or more protrusions (illustrated in FIG. 1D), or bumps, that can be quickly and easily positioned within and/or be removed from the groove **40** without damaging the cover **24**, the side **18** and/or the diffuser **14**. Alternatively, the diffuser **14** can be detachably secured to the base assembly **12** in a different manner. For example, the diffuser **14** can include a groove and the cover **24** and/or the side **18** can include a one or more protrusions or bumps, wherein the protrusions (or bumps) can easily fit within and/or be removed from the groove of the diffuser **14**. Still alternatively, the second attachment member **42** of the diffuser **14** can include a lip that fits within the first attachment member **40**, e.g., the groove, and/or the first attachment member **40** and the second attachment member **42** can include one or more magnets can be secured to the base assembly **12** and the diffuser **14**, respectively, for selectively and removably attaching the diffuser **14** to the base assembly **12**. Yet alternatively, the first attachment member **40** and the second attachment member **42** can have a different suitable design that enables the diffuser **14** to be selectively and removably attached to and detached from the base assembly **12** without damaging the base assembly **12** and/or the diffuser **14**.

Further, in certain embodiments, the base housing, i.e. the base **16**, the side **18** and the cover **24**, can be made from a durable, molded plastic material. Alternatively, the base **16**, the side **18** and/or the cover **24** can be made from other suitable materials.

The design of the diffuser **14** can be varied to suit the specific design requirements of the surface mount light **10**. For example, in certain non-exclusive embodiments, the diffuser **14** can be a decorative diffuser that is representative of and/or used for celebrating holidays, birthdays or other occasions, or for supporting favorite teams, fictional characters or causes, or other appropriate uses. Moreover, in some embodiments, the diffuser **14** can be a decorative diffuser that can extend away from the base assembly **12** by at least approximately two inches. For example, in some such non-exclusive embodiments, the diffuser **14** can be a decorative diffuser that extends away from the base assembly **12** by at least approximately 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, or 8.0 inches, or by another suitable distance. Additionally and/or alternatively, the diffuser **14** can be somewhat flat or dome shaped, and can be frosted and/or include various colors or designs in order to provide a desired ambience and/or to promote a particular holiday, occasion, sports team, fictional character, cause, etc.

As provided above, the diffuser **14** is designed to be selectively attached to and detached from the base assembly **12**. Additionally, the diffuser **14** can be quickly and easily interchanged on the base assembly **12** with one or more additional diffusers, e.g., the diffuser **214** illustrated in FIGS. 2A-2D and/or the diffuser **314** illustrated in FIGS. 3A and 3B. In the embodiment illustrated in FIGS. 1A-1E, the diffuser **14** is in the shape of a snowman, which can be used for decorative purposes during wintertime, around the Christmas holiday season, and/or at any time desired by the user. As noted, additional diffusers can include shapes and sizes that are appropriate for celebrating holidays, birthdays or other occasions, or for supporting favorite teams, fictional characters or causes; and/or additional diffusers can comprise a frosted and/or colored dome that provides a desired ambience.

Additionally, in this embodiment, the diffuser **14**, when attached to the base assembly **12**, is designed to be positioned in a generally upright position on the surface **15**, such as a table top, a counter top, or some other surface.

Further, in certain embodiments, the diffuser **14** can be made from a durable, molded plastic material and can include various different colors to provide the desired shapes, sizes and designs. Alternatively, the diffuser **14** can be made from other suitable materials.

FIGS. 2A-2D are alternative views of another embodiment of a surface mount light **210** having features of the present invention. More particularly, FIG. 2A is a simplified front view of the surface mount light **210**; FIG. 2B is a simplified perspective view of the surface mount light **210** illustrated in FIG. 2A; FIG. 2C is a partially exploded front view of the surface mount light **210** illustrated in FIG. 2A; and FIG. 2D is a partially exploded perspective view of the surface mount light **210** illustrated in FIG. 2A.

In this embodiment, the diffuser **214** is in the shape of a pumpkin or jack-o-lantern that is selectively attachable to and detachable from the base assembly **212**. Additionally, as with the previous embodiment, the diffuser **214**, when attached to the base assembly **212**, is designed to be positioned in a generally upright position on a surface, such as a table top, a counter top, or some other surface.

FIGS. 3A and 3B are alternative views of a portion of a cabinet **344** and still another embodiment of a surface mount light **310** having features of the present invention. In particular, FIG. 3A is a simplified perspective view of the portion of the cabinet **344** and the surface mount light **310**, wherein the diffuser **314** is attached to the base assembly **312**; and FIG. 3B is a partially exploded perspective view of the portion of the



cabinet **344** and the surface mount light **310** illustrated in FIG. **3A**, wherein the diffuser **314** is detached from the base assembly **314**.

In this embodiment, the diffuser **314** is again in the shape of a pumpkin or jack-o-lantern that is selectively attachable to and detachable from the base assembly **312**. However, as illustrated in this embodiment, the diffuser **314**, when attached to the base assembly **312**, is designed to be positioned so that the diffuser **314** extends in a generally downward direction from an underside **346** of the cabinet **344**, or other generally downward facing surface.

FIG. **4** is a perspective view of a portion of a wall **448** and yet another embodiment of a surface mount light **410** having features of the present invention. In this embodiment, the surface mount light **410** comprises a wall-mount configuration. More particularly, the surface mount light **410** includes the base assembly **412** and the diffuser **414**, with the base assembly **412** being secured to and/or mounted on the wall **448**, and the diffuser **414** being oriented such that the subject of the diffuser **414** is positioned in a generally upright configuration as the diffuser **414** extends away from the wall **448**. Additionally, in this embodiment, the diffuser **414** is shown as a decorative diffuser that is representative of a fictional, animated character, i.e. Mickey Mouse in the particular embodiment. Alternatively, the diffuser **414** can be a different type of decorative diffuser, or another type of diffuser.

FIG. **5** is a perspective view of a package assembly **550** having features of the present invention. In particular, FIG. **5** illustrates that the package assembly **550** includes a base assembly **512** and a plurality of diffusers, e.g., a first diffuser **514A** and a second diffuser **514B**. The base assembly **512** is substantially similar to the base assemblies **12**, **212**, **312**, **412** illustrated and described herein above; therefore, a detailed description of the base assembly **512** will not be provided herein. Additionally, the diffusers **514A**, **514B** are substantially similar to the diffusers **14**, **214**, **314**, **414** illustrated and described herein above; therefore a detailed description of the diffusers **514A**, **514B** will not be provided herein.

In this embodiment, each of the plurality of diffusers **514A**, **514B** are selectively and alternatively attachable to and detachable from the base assembly **512**, without damaging the base assembly **512** and/or the diffusers **514A**, **514B**.

While a number of exemplary aspects and embodiments of a surface mount light **10** have been shown and disclosed herein above, those of skill in the art will recognize certain modifications, permutations, additions and sub-combinations thereof. It is therefore intended that the surface mount light **10** shall be interpreted to include all such modifications, permutations, additions and sub-combinations as are within their true spirit and scope, and no limitations are intended to the details of construction or design herein shown.

What is claimed is:

**1.** A surface mount light that is mounted on a surface, the surface mount light comprising:

a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights, wherein power is selectively provided to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iii) a first attachment member; and

a first diffuser that can be selectively attached to and detached from the base assembly without damaging the

base assembly and the first diffuser, the first diffuser including a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly.

**2.** The surface mount light of claim **1** wherein the housing body is substantially disk shaped.

**3.** The surface mount light of claim **2** wherein the housing body has a diameter of less than approximately five inches.

**4.** The surface mount light of claim **1** wherein the first diffuser is a decorative diffuser that extends away from the base assembly by at least approximately two inches.

**5.** A package assembly including the surface mount light of claim **1** further comprising a second diffuser that is selectively attachable to and detachable from the base assembly.

**6.** The surface mount light of claim **1** wherein the first attachment member includes a groove that extends around a perimeter of the housing body, and wherein the second attachment member includes one or more protrusions that can be selectively positioned within the groove.

**7.** The surface mount light of claim **1** further comprising a sound source positioned substantially within the housing body.

**8.** The surface mount light of claim **1** further comprising a switch that selectively activates the light assembly.

**9.** The surface mount light of claim **8** further comprising a sound source positioned substantially within the housing body, and wherein the switch selectively activates the sound source.

**10.** The surface mount light of claim **1** further comprising a power source assembly including one or more batteries that selectively provide power to the light assembly such that at least one of the one or more LED lights directs light away from the base.

**11.** A package assembly including the surface mount light of claim **1**, and a second diffuser that is alternatively selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.

**12.** A surface mount light that is mounted on a surface, the surface mount light comprising:

a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights; (iii) a power source assembly that provides power to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iv) a first attachment member;

a sound source that is positioned substantially within the housing body, the power source assembly providing power to the sound source to selectively activate the sound source;

a first diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the first diffuser, the first diffuser including a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly; and

a second diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.